ABSTRACT OF THE DISCLOSURE

A communication connection merge method and a node to be employed in the same can merge parameter of LSP, such as request bandwidth or the like, upon performing merging. The communication connection merge method performs merge process for consolidating a plurality of communication connection of a connection-oriented network at a node on the way of transfer route into a common communication connection by making judgment of possibility to have a common transfer route from a node to merge to an egress node upon merging new communication connection on setting for existing communication connection, modifying collateral parameter of the existing communication connection which is judged to merge the new communication connection for enabling accommodation of the new communication connection in the existing communication connection, and performing merge after modification of parameter of the existing communication connection.